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**BOX: PATENT APPLICATION**  
U. S. Patent and Trademark Office  
Post Office Box 2327  
Arlington, VA 22202

Re: Inventors: Harold R. Garner, Monica M. Horvath, John W. Fondon, III and Alexander  
(NMI) Pertsemlidis  
Patent Application Entitled: PREDICTION OF DISEASE-CAUSING ALLELES FROM  
SEQUENCE CONTEXT ONLY  
Filing Date: November 30, 2001  
Our File No.: 119929-1037

Dear Sir:

We have enclosed the following documents for filing, they are as follows:

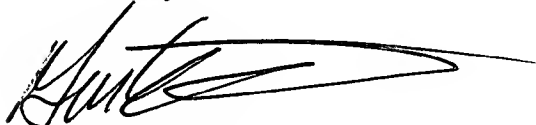
1. Patent Application (62 pp.);
2. Drawings informal (5) sheets, (5) figures;
3. Unsigned Declaration and Power of Attorney of Harold R. Garner, Monica M. Horvath,  
John W. Fondon, III and Alexander (NMI) Pertsemlidis
4. Fee Calculation Sheet (2 pp.);
5. Return postcard.

Applicant is claiming **Small Entity Status** for the above application.

No fees are enclosed at this time but will be paid at the time of filing of the response to Notice of Missing Parts Application.

Please file the above-referenced documents and return the date-stamped postcard to our office at the above address. If you have any questions or comments concerning any of the above, please call the undersigned at your convenience. Otherwise, please accept the enclosed.

Respectfully submitted,  
Gardere Wynne Sewell LLP



Thomas C. Wright  
Registration No.: 47,189

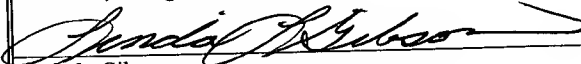
TCW/llg

Enclosures

Express Mail No.: EL 777480130 USUS

Date of Deposit: November 30, 2001

I certify that the accompanying paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX: PATENT APPLICATION, U. S. Patent and Trademark Office, Post Office Box 2327, Arlington, VA 22202

  
Linda L. Gibson

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09/998904  
11/30/01

November 30, 2001

Page 2

cc: Sanford E. Warren, Jr. (w/o enclosures)  
Edwin S. Flores, Ph.D., J.D. (w/o enclosures)

APPLICATION FOR U.S. PATENT  
TRANSMITTAL FORM

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Linda L. Gibson

**BOX: PATENT APPLICATION**

U. S. Patent and Trademark Office  
Post Office Box 2327  
Arlington, VA 22202

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Harold R. Garner, Monica M. Horvath, John W. Fondon, III and Alexander (NMI) Pertsemliadis

For: PREDICTION OF DISEASE-CAUSING ALLELES FROM SEQUENCE CONTEXT ONLY

Enclosed are: 5 sheet(s) of informal drawings;  
62 pages of Specification;  
22 pages of Claims (claims); and  
1 page of Abstract.

We have also enclosed an unsigned Declaration of Harold R. Garner, Monica M. Horvath, John W. Fondon, III and Alexander (NMI) Pertsemliadis.

Applicants claim **Small Entity Status** for the above application.

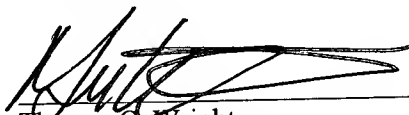
FEE CALCULATION					FEE
	NUMBER		NUMBER EXTRA	RATE	BASIC FEE \$ 355.00
Total Claims	213	20	193	x \$ 9=	\$ 1,737.00
Independent Claims	14	- 3 =	11	x \$ 40=	\$ 440.00
<b>Total Filing Fee</b>					<b>\$ 2,432.00</b>

No fees are enclosed at this time but will be paid at the time of filing of the response to Notice of Missing Parts Application.

All correspondence related to this application may be addressed to the undersigned at Gardere Wynne Sewell LLP, 3000 Thanksgiving Tower, 1601 Elm Street, Suite 3000, Dallas, Texas 75201-4767.

Sanford E. Warren, Jr.  
GARDERE WYNNE SEWELL LLP  
1601 Elm Street, Suite 3000  
Dallas, TX 75201

Respectfully submitted,



Thomas C. Wright  
Registration No. 47,189  
Attorney for Applicants

Date: November 30, 2001

1029-1030